Thermal Energy Conversion plant using the temperature differential between the surface sea water and the bottom sea water into electric power.

* Design and development of a upgraded version of Remotely Operated Vehicle for deep sea bed mining technology development.
* Design and development of marine acoustic instrumentation such as sub-bottom profiler, under-watcr positioning system. Remotely Operated Seak Skimmer platform, etc.
* Establishment of Geomagnetism, Optical and Aeronomy Laboratory for conducting studies on atmospheric sciences in Antarctica.
* Application of remote sensing for geo-exploration and survey, ocean and lake sediment coring, Sub-surface geophysical investigations in Antarctica under the Earth Sciences discipline.
* Environment Impact Assessment studies for conservation and management of Antarctic environment.
* Assessment of Marine Living Resources beyond 70 m depth in the Indian EEZ and ecological co-relation.
* Developing and demonstrating viable technologies for enhancement of Marine Living Resources.
* Development of a herbal drug for Antidiabetic and continuing the multi-institutional project on 'Drug from the Sea' to develop traditional and modem drugs.
* Research and development in Satellite Coastal Oceanography and Ocean Modelling and Dynamics to generate validated operational data products and their dissemination for application in ports, shipping, fisheries, meteorology, oil and natural gas exploration, environment and management, etc.
* Development of models of ocean-state for forecast on wave; currents; storm wrges sea level monitoring and *Land-Occsan* Interaction in the Coastal Zone; Climate variability, etc.
* Development of Geographic Information System (CIS) on sources of pollution.
* Determination of use classification of coastal waters, GIS based information, system for ecologically sensitive areas, preparation of Model Integrated Coastal and Marine Area Management Plan, determination of Waste Load Allocation and development of guidelines for Environment Impact Assessment studies, under an Integrated Coastal and Marine Area Management Programme.
* Reconnaissance geophysical surveys, heatfillow data, water column studies ana seabed sampling, for identification of nature, chemistry and frequency of the hydrothermal discharges in Andaman Bark Arc Basin.
* Study of the geomorphology, sea bed configtiration and collection and anaysis of core samples from various spots of the Bengal and Nicobar Fan.
* Establishment of Ocean Science & Technology Cells in selected universities in different fields of Marine Science & Technology; upgradation of R&D facilities in universities and Centres of Learning for pursuing research in Ocean Science and homan resource development.
* Survey of the Indian EEZ and beyond to collect data for delineation of the outer limits of continental shelf upto 350 nautical miles for claiming additional areas for exploration and exploitation of the Marine Resources as per the provision of the Convention on the Law of the Sea.

केन्द्रीय जांच ब्यूरो द्वारा प्रश्नावली भेजा जाना

4067. **चौधरी हरोमोहन सिंह यादव**: क्या प्रधान मंत्री यह बताने की कृपा करेंगे कि:

(क) क्या केन्द्रीय जांच ब्यूरो किसी मामले में संदिग्ध व्यक्तियों से वास्तव में पूछताछ करने की बाजय प्रश्नावली जारी कराया है।

(क्या केन्द्रीय जांच ब्यूरो द्वारा हवाला मामलों में संलिप्त व्यक्तियों को कई प्रश्नावलियां जारी की गई थीं, और

(ग) यदि हां तो, केन्द्रीय जांच ब्यूरो द्वारा संदिग्ध व्यक्तियों को प्रश्नावलियां जारी करने की रणनीति अपनाने के क्या कारण हैं?

कार्मिक, लोक शिकायत और पेंशन मंत्रालय में राज्य मंत्री तथा वित्त मंत्रालय में राज्य मंत्री (**श्री आर. जनार्दनम**): (क) और (ख) जी नहीं।

(ग) उपर्युक्त (क) तथा (ख) के मद्देनजर, प्रश्न नहीं उठता।

Pay scale of Section Officers

4068. SHRI K.M. KHAN: Will the PRIME MINISTER be pleased to state:

(a) whether present scale of Section Officers classified as Group-B Gazetted working in Centra! Government Offices is Rs. 6500-10,500;

(b) whether Section Officer supervises working and exercises administrative control of a Section;

(c)whether Group-B non-Gazetted officials drawing scale of Rs. 6500- 10,5(H) at present in lieu of old scale of Rs. 2000-3200 arc working in subordinate position of Section Officers;

(d)whether common scale of Gazetled and non-Gazetted officials is a total humiliation of former before the latter;

(e)whether the former is unable to exercise administrative control on the latter; and

(f) whether in administrative interest Govemment propose to revise scale of Section Officers?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL PUBLIC GRIEVANCES AND PENSIONS AND THE MINISTER OF STATE IN THE MINISTRY OF FINANCE (SHRI R. JANARTHANAM): (a) Yes, Sir. The scale of pay of the Section Officers of the Centra! Secretariat Service (CSS)-Group-B Gazetted and other comparable grades/services is Rs. 6500-10500.

(b) to (e) In the Central Secretariat the Section Officers supervise the working and exercise administrative control over the staff of a Section, which generally has Assistants (Group-B non-Gazetted pre-revised pay scale of Rs. 1640-2900) Upper Division Clerks/ Lower Division Clerks (Group-C) and Peon (Group-D). Information regarding other Central Govemment Offices is not centrally maintained. The Fifth Central Pay Commission recommended the merger of the pre-revised pay scales of Rs. 2000-3500/'- and Rs. 2000-3200 with replacement pay scale of Rs. 6500-10500.

(f) Presently, there is no proposal as such for revising the pay scale of Section Officers of the CSS.

Coolling off period for deputation

4069. SHRI YERRA NARAYANASWAMY: Will the PRIME MINISTER be pleased to state:

(a) whether All India Service Officers have to return to their parent cadres after deputation is over in Govemment of India;

(b) if so, what is the cooling off period for an officer to return to Govemment of India;

(c) whether there is any distinction in the period of cooling off between men and women officers;

(d) whether it is a fact that these guidelines require to be reviewed; and

(e) the steps proposed to relax such conditions for women officers?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND THE MINISTER OF STATE IN THE MINISTRY OF FINANCE (SHRI R. JANARTHANAM): (a) Yes, Sir.

(b) 3 years. In the cadres pertaining exclusively to Jammu & Kashmir and States in the North-East namely Assam-Meghallaya Manipur-Tripura and Nagaland, the cooling off period is 2 years.

(c) No, Sir.

(d) No. Sir.

(c) There is no proposal to relax the condition of cooling off in the case of any category of officers.